

Product name:	Dok-3 Rabbit Polyclonal Antibody
Cat number:	ABN10107
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human DOK3. AA range:101-150
Reactivity:	Human,Mouse
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight:	58kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

Background:

domain:PTB domain mediates receptor interaction.,function:DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK3 is a negative regulator of JNK signaling in B-cells through interaction with INPP5D/SHIP1. May modulate ABL function.,PTM:Constitutively tyrosine-phosphorylated.,PTM:On IL2 stimulation, phosphorylated on C-terminal tyrosine residues possibly by Src kinases. Can also be phosphorylated by ABL kinase.,similarity:Belongs to the DOK family. Type A subfamily.,similarity:Contains 1 IRS-type PTB domain.,similarity:Contains 1 PH domain.,subunit:On tyrosine phosphorylation, interacts with CSK and INPP5D/SHIP1 via their SH2 domains. Both Tyr-381 and Tyr-398 are required for interaction with INPP5D. Only Tyr-381 is required for interaction with CSK. Binds ABL through the PTB domain and in a kinase-dependent manner. Does not interact with RasGAP.,tissue specificity:Expressed in spleen.,domain:PTB domain mediates receptor interaction.,function:DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK3 is a negative regulator of JNK signaling in B-cells through interaction with INPP5D/SHIP1. May modulate ABL function.,PTM:Constitutively tyrosine-phosphorylated.,PTM:On IL2 stimulation, phosphorylated on C-terminal tyrosine residues possibly by Src kinases. Can also be phosphorylated by ABL kinase.,similarity:Belongs to the DOK family. Type A subfamily.,similarity:Contains 1 IRS-type PTB domain.,similarity:Contains 1 PH domain.,subunit:On tyrosine phosphorylation, interacts with CSK and INPP5D/SHIP1 via their SH2 domains. Both Tyr-381 and Tyr-398 are required for interaction with INPP5D. Only Tyr-381 is required for interaction with CSK. Binds ABL through the PTB domain and in a kinase-dependent manner. Does not interact with RasGAP.,tissue specificity:Expressed in spleen.,